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Serial No. : 10/791,103  
Filed : March 2, 2004  
Title : EMBOLIC COMPOSITIONS

Art Unit : 1773  
Examiner : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 9/1/04

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 2, 2004  
Date of Deposit

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Drane C. Brown  
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-823002	Application No. 10/791,103
		Applicant Paul DiCarlo et al.	
		Filing Date March 2, 2004	Group Art Unit 1773

**Information Disclosure Statement  
by Applicant**  
(Use several sheets if necessary)

(37 CFR §1.98(b))

*Handwritten: SEP 07 2004*

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LK/	AA	2,609,347	09/02/1952	Wilson			
	AB	3,663,470	05/16/1972	Nishimura et al.			
	AC	3,737,398	06/05/1973	Yamaguchi			
	AD	3,957,933	05/18/1976	Egli et al.			
	AE	4,025,686	05/24/1977	Zion			
	AF	4,055,377	10/25/1977	Erickson et al.			
	AG	4,076,640	02/28/1978	Forgensi et al.			
	AH	4,098,728	07/04/1978	Rosenblatt			
	AI	4,110,529	08/29/1978	Stoy			
	AJ	4,191,672	03/04/1980	Salome et al.			
	AK	4,198,318	04/15/1980	Stowell et al.			
	AL	4,243,794	01/06/1981	White et al.			
	AM	4,246,208	01/20/1981	Dundas			
	AN	4,266,030	05/05/1981	Tschang et al.			
	AO	4,268,495	05/19/1981	Muxfeldt et al.			
	AP	4,271,281	06/02/1981	Kelley et al.			
	AQ	4,413,070	11/01/1983	Rembaum			
	AR	4,427,794	01/24/1984	Lange et al.			
	AS	4,428,869	01/31/1984	Munteanu et al.			
	AT	4,429,062	01/31/1984	Pasztor et al.			
	AU	4,442,843	04/17/1984	Rasor et al.			
	AV	4,444,961	04/24/1984	Timin			
	AW	4,452,773	06/05/1984	Molday			
	AX	4,456,693	06/26/1984	Welsh			
	AY	4,459,145	07/10/1984	Elsholz			
	AZ	4,472,552	09/18/1984	Blouin			
	AAA	4,477,255	10/16/1984	Pasztor et al.			

Examiner Signature /LK/ Leszek Kiliman/	Date Considered 04/02/2008
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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LK/	ABB	4,492,720	01/08/1985	Moiser			
	ACC	4,522,953	06/11/1985	Barby et al			
	ADD	4,542,178	09/17/1985	Zimmermann et al.			
	AEE	4,551,132	11/05/1985	Pasztor et al.			
	AFF	4,551,436	11/05/1985	Johnson et al.			
	AGG	4,573,967	03/04/1986	Hargrove et al.			
	AHH	4,622,362	11/11/1986	Rembaum			
	AII	4,623,706	11/18/1986	Timun et al.			
	AJJ	4,657,756	04/14/1987	Rasor et al.			
	AKK	4,661,137	04/28/1987	Garnier et al.			
	ALL	4,663,358	05/05/1987	Hyon et al.			
	AMM	4,671,954	06/09/1987	Goldberg et al.			
	ANN	4,675,113	06/23/1987	Graves et al.			
	AOO	4,678,814	07/07/1987	Rembaum			
	APP	4,678,710	07/07/1987	Sakimoto et al.			
	AQQ	4,680,320	07/14/1987	Uku et al.			
	ARR	4,681,119	07/21/1987	Rasor et al.			
	ASS	4,742,086	05/03/1988	Masamizu et al			
	ATT	4,743,507	05/10/1988	Franses et al.			
	AUU	4,772,635	09/20/1988	Mitschker et al.			
	AVV	4,782,097	11/01/1988	Jain et al.			
	AWW	4,789,501	12/06/1988	Day et al.			
	AXX	4,795,741	01/03/1989	Leshchiner et al.			
	AYY	4,801,458	01/31/1989	Hidaka et al.			
	AZZ	4,804,366	02/14/1989	Zdeb et al.			
	AAAA	4,819,637	04/11/1989	Dormandy, Jr. et al.			
↓ /LK/	ABBB	4,822,535	04/18/1989	Ekman et al.			


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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LK/	ACCC	4,833,237	05/23/1989	Kawamura et al.			
	ADDD	4,850,978	07/25/1989	Dudar et al.			
	AEEE	4,859,711	08/22/1989	Jain et al.			
	AFFF	4,863,972	09/05/1989	Itagaki et al.			
	AGGG	4,929,400	05/29/1990	Rembaum et al.			
	AHHH	4,933,372	06/12/1990	Feibush et al.			
	AIII	4,954,399	09/04/1990	Tani et al.			
	AJJJ	4,981,625	01/01/1991	Rhim et al.			
	AKKK	4,990,340	02/05/1991	Hidaka et al.			
	ALLL	4,999,188	03/12/1991	Slodovnik et al.			
	AMMM	5,007,940	04/16/1991	Berg			
	ANNN	5,011,677	04/30/1991	Day et al.			
	AOOO	5,032,117	07/16/1991	Motta			
	APPP	5,034,324	07/23/1991	Shinozaki et al.			
	AQQQ	5,047,438	09/10/1991	Feibush et al.			
	ARRR	5,079,274	01/07/1992	Schneider et al.			
	ASSS	5,106,903	04/21/1992	Vanderhoff et al.			
	ATTT	5,114,421	05/19/1992	Polak			
	AUUU	5,116,387	05/26/1992	Berg			
	AVVV	5,120,349	06/09/1992	Stewart et al.			
	AWWW	5,125,892	06/30/1992	Drudik			
	AXXX	5,147,631	09/15/1992	Glajch et al.			
	AYYY	5,147,937	09/15/1992	Frazza et al.			
	AZZZ	5,149,543	09/22/1992	Cohen et al.			
	AAAAA	5,158,573	10/27/1992	Berg			
	ABBBB	5,171,214	12/15/1992	Kolber et al.			
/LK/	ACCCC	5,171,217	12/15/1992	March et al.			

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## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LK/	ADDDDD	5,190,766	03/02/1993	Ishihara			
	AEEEE	5,202,352	04/13/1993	Okada et al.			
	AFFFF	5,216,096	06/01/1993	Hattori et al.			
	AGGGG	5,253,991	10/19/1993	Yokota et al.			
	AHHHH	5,260,002	11/09/1993	Wang			
	AIIII	5,262,176	11/16/1993	Palmacci et al.			
	AJJJJ	5,288,763	02/22/1994	Li et al.			
	AKKKK	5,292,814	03/08/1994	Bayer et al.			
	ALLLL	5,302,369	04/12/1994	Day et al.			
	AMMMM	5,314,974	05/24/1994	Ito et al.			
	ANNNN	5,316,774	05/31/1994	Eury et al.			
	AOOOO	5,344,452	09/06/1994	Lemperle			
	APPPP	5,344,867	09/06/1994	Morgan et al.			
	AQQQQ	5,354,290	10/11/1994	Gross			
	ARRRR	5,369,133	11/29/1994	Ihm et al.			
	ASSSS	5,369,163	11/29/1994	Chiou et al.			
	ATTTT	5,369,710	06/17/1997	Lo et al.			
	AUUUU	5,382,260	01/17/1995	Dormandy, Jr. et al.			
	AVVVV	5,384,124	01/24/1995	Courteille et al.			
	AWWWW	5,397,303	03/14/1995	Sancoff et al.			
	AXXXX	5,398,851	03/21/1995	Sancoff et al.			
	AYYYY	5,403,870	04/04/1995	Gross			
	AZZZZ	5,417,982	05/23/1995	Modi			
	AAAAAA	5,431,174	07/11/1995	Knute			
	ABBBB	5,435,645	07/25/1995	Faccioli et al.			
	ACCCCC	5,456,693	10/10/1995	Conston et al.			
/LK/	ADDDDD	5,468,801	11/21/1995	Antonelli et al.			

Examiner Signature  /LK/	Date Considered
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 01194-823002	Application No. 10/791,103
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LK/	AEEEEEE	5,469,854	11/28/1995	Unger et al.			
	AFFFFF	5,476,472	12/19/1995	Dormandy, Jr. et al.			
	AGGGGG	5,484,584	01/16/1996	Wallace et al.			
	AHHHHH	5,490,984	02/13/1996	Freed			
	AIIIII	5,494,682	02/27/1996	Cohen et al.			
	AJJJJJ	5,494,940	02/27/1996	Unger et al.			
	AKKKKK	5,512,604	04/30/1996	Demopolis			
	ALLLLL	5,514,090	07/07/1996	Kriesel et al.			
	AMMMMM	5,525,334	06/11/1996	Ito et al.			
	ANNNNN	5,534,589	07/09/1996	Hager et al.			
	AOOOOO	5,541,031	07/30/1996	Yamashita et al.			
	APPPPP	5,542,935	08/06/1996	Unger et al.			
	AQQQQQ	5,553,741	09/10/1996	Sancoff et al.			
	ARRRRR	5,556,610	09/17/1996	Yan et al.			
	ASSSSS	5,556,931	09/17/1996	Cercone et al.			
	ATTTTT	5,558,255	09/24/1996	Sancoff et al.			
	AUUUUU	5,558,822	09/24/1996	Gitman et al.			
	AVVVVV	5,558,856	09/24/1996	Klaveness et al.			
	AWWWWW	5,559,266	09/24/1996	Klaveness et al.			
	AXXXXX	5,567,415	10/22/1996	Porter			
	AYYYYY	5,569,193	10/29/1996	Hofstetter et al.			
	AZZZZZ	5,569,449	10/29/1996	Klaveness et al.			
	AAAAAA	5,569,468	10/29/1996	Modi			
	ABBBBB	5,571,182	11/05/1996	Ersek et al.			
	ACCCCC	5,580,575	12/03/1996	Unger et al.			
	ADDDDD	5,583,162	12/10/1996	Li et al.			
/LK/	AEEEEEE	5,585,112	12/17/1996	Unger et al.			

Examiner Signature  /LK/	Date Considered
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(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LK/	AAAAAA	5,595,821	01/21/1997	Hager et al.			
	AGGGGG	5,622,657	04/22/1997	Takada et al.			
	AHHHHH	5,624,685	04/29/1997	Takahashi et al.			
	AIIIII	5,635,215	06/03/1997	Boschetti et al.			
	AJJJJJ	5,637,087	06/10/1997	O'Neil et al.			
	AKKKKK	5,639,710	07/17/1997	Lo et al.			
	ALLLLL	5,648,095	07/15/1997	Ilum et al.			
	MMMMMM	5,648,100	07/15/1997	Boschetti et al.			
	NNNNNN	5,650,116	07/22/1997	Thompson			
	AOOOOO	5,651,990	01/29/1997	Takada et al.			
	APPPPP	5,653,922	08/05/1997	Li et al.			
	AQQQQQ	5,657,756	08/19/1997	Vrba			
	ARRRRR	5,681,576	10/28/1997	Henry			
	ASSSSS	5,715,824	02/10/1998	Unger et al.			
	ATTTTT	5,695,480	12/09/1997	Evans et al.			
	AUUUUU	5,695,740	12/09/1997	Porter			
	AVVVVV	5,698,271	12/16/1997	Liberti et al.			
	WWWWWW	5,701,899	12/30/1997	Porter			
	AXXXXX	5,716,981	02/10/1998	Hunter et al.			
	AYYYYY	5,718,884	02/17/1998	Klaveness et al.			
	AZZZZZ	5,723,269	03/03/1998	Akagi et al.			
	AAAAAA	5,725,534	03/10/1998	Rasmussen			
	ABBBBB	5,746,734	05/05/1998	Dormandy, Jr. et al.			
	ACCCCC	5,752,974	05/19/1998	Rhee et al.			
	DDDDDD	5,760,097	06/02/1998	Li et al.			
	AEEEEEE	5,766,147	06/16/1998	Sancoff et al.			
/LK/	AFFFFFF	5,770,222	06/23/1998	Unger et al.			

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(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LK/	G G G G G	5,779,668	07/14/1998	Grabenkort			
	H H H H H	5,785,642	07/28/1998	Wallace et al.			
	A I I I I	5,785,682	07/28/1998	Grabenkort			
	A J J J J	5,792,478	08/11/1998	Lawin et al.			
	K K K K K	5,795,562	08/18/1998	Klaveness et al.			
	A L L L L	5,797,953	08/25/1998	Tekulve			
	M M M M M	5,807,323	09/15/1998	Kriesel et al.			
	N N N N N	5,813,411	09/29/1998	Van Bladel et al.			
	O O O O O	5,823,198	10/20/1998	Jones et al.			
	A P P P P	5,827,502	10/27/1998	Klaveness et al.			
	Q Q Q Q Q	5,827,531	10/27/1998	Morrison et al.			
	A R R R R	5,830,178	11/03/1998	Jones et al.			
	A S S S S	5,833,361	11/10/1998	Funk			
	A T T T T	5,846,518	12/08/1998	Yan et al.			
	U U U U U	5,853,752	12/29/1998	Unger et al.			
	V V V V V	5,855,615	01/05/1999	Bley et al.			
	W W W W W	5,863,957	01/26/1999	Li et al.			
	X X X X X	5,876,372	03/02/1999	Grabenkort et al.			
	Y Y Y Y Y	5,877,224	03/02/1999	Brocchini et al.			
	A Z Z Z Z	5,885,547	03/23/1999	Gray			
	A A A A A	5,885,216	03/29/1999	Evans, III et al.			
	B B B B B	5,888,546	03/30/1999	Ji et al.			
	C C C C C	5,894,022	04/13/1999	Ji et al.			
	D D D D D	5,899,877	04/04/1999	Leibitzki et al.			
	E E E E E	5,891,155	04/06/1999	Irie			
	A F F F F	5,895,411	04/20/1999	Irie			
/LK/	G G G G G	5,902,832	05/11/1999	Van Bladel et al.			

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/LK/	HHHHHH	5,922,025	07/13/1999	Hubbard			
	AIHHHHH	5,922,304	07/13/1999	Unger			
	AJJJJJJJ	5,928,626	07/27/1999	Klaveness et al.			
	KKKKKK	5,935,553	08/10/1999	Unger et al.			
	LLLLLL	5,951,160	09/14/1999	Ronk			
	MMMMM	5,957,848	09/28/1999	Sutton et al.			
	NNNNNN	5,959,073	09/28/1999	Schlameus et al.			
	OOOOOO	6,003,566	12/21/1999	Thibault et al.			
	APPPPP	6,015,546	01/18/2000	Sutton et al.			
	QQQQQQ	6,027,472	02/22/2000	Kriesel et al.			
	RRRRRR	6,028,066	02/22/2000	Unger			
	ASSSSSS	6,047,861	04/11/2000	Vidal et al.			
	TTTTTT	6,051,247	04/18/2000	Hench et al.			
	JUUUUU	6,059,766	05/09/2000	Greff			
	VVVVVV	6,063,068	05/16/2000	Fowles et al.			
	WWWWW	6,071,495	06/06/2000	Unger et al.			
	XXXXXX	6,071,497	06/06/2000	Steiner et al.			
	YYYYYY	6,073,759	06/13/2000	Lamorne et al.			
	ZZZZZZ	6,090,925	07/18/2000	Woiszwilllo et al.			
	AAAAAA	6,096,344	08/01/2000	Liu et al.			
	BBBBBB	6,099,064	08/07/2000	Lund			
	CCCCCC	6,099,864	08/08/2000	Morrison et al.			
	DDDDDD	6,100,306	08/08/2000	Li et al.			
	EEEEEE	6,139,963	10/31/2000	Fujii et al.			
	FFFFFFF	6,149,623	11/21/2000	Reynolds			
	GGGGGG	6,162,377	12/19/2000	Ghosh et al.			
/LK/	HHHHHH	6,165,193	12/26/2000	Greene, Jr. et al.			

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/LK/	AIHHHHH	6,191,193 B1	02/20/2001	Lee et al.			
	AJJJJJJ	6,214,331 B1	04/10/2001	Vanderhoff et al.			
	KKKKKK	6,224,794 B1	05/01/2001	Amsden et al.			
	LLLLLLL	6,224,630	05/01/2001	Bao et al.			
	MMMMM	6,235,224 B1	05/22/2001	Mathiowitz et al.			
	NNNNNN	6,238,403 B1	05/29/2001	Greene, Jr. et al.			
	OOOOOO	6,258,338	07/10/2001	Gray			
	PPPPPPP	6,261,585 B1	07/17/2001	Sefton et al.			
	QQQQQQ	6,264,861 B1	07/24/2001	Tavernier et al.			
	RRRRRRR	6,267,154 B1	07/31/2001	Felicelli et al.			
	SSSSSSS	6,268,053 B1	07/31/2001	Woiszwilllo et al.			
	TTTTTTT	6,277,392 B1	08/21/2001	Klein			
	UUUUUU	2001/0016210 A1	08/23/2001	Mathiowitz et al.			
	VVVVVV	6,291,605 B1	09/18/2001	Freeman et al.			
	WWWWW	6,306,427	10/23/01	Annonier et al.			
	XXXXXX	6,306,418 B1	10/23/2001	Bley			
	YYYYYY	2001/0001835	05/24/2001	Greene, Jr. et al.			
	ZZZZZZ	2001/0036451 A1	11/01/2001	Goupil et al.			
	AAAAAA	6,315,709	11/13/201	Garibaldi et al.			
	BBBBBB	2001/0051670 A1	12/13/2001	Goupil et al.			
	CCCCC	6,335,384 B1	01/01/2002	Evans et al.			
	DDDDDD	6,344,182 B1	02/05/2002	Sutton et al.			
	EEEEEEE	6,394,965 B1	05/28/2002	Klein			
	FFFFFFF	6,423,332 B1	07/23/2002	Huxel et al.			
	GGGGGG	6,432,437 B1	08/13/2002	Hubbard			
	HHHHHH	6,602,524 B2	08/05/2003	Batich et al.			
/LK/	AIHHHHH	6,680,046	01/20/2004	Boschetti			

Examiner Signature	/LK/	Date Considered
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-823002	Application No. 10/791,103
		Applicant Paul DiCarlo et al.	
		Filing Date March 2, 2004	Group Art Unit 1773

**Information Disclosure Statement**  
by Applicant  
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/LK/	AJJJJJJJ	H915 (US Statutory Invention Registration)	05/07/1991	Gibbs			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/LK/	KKKKKK	0 422 258 A1	10/1989	Europe (Abstract)			X	
	LLLLLL	0 422 258 A1	10/1989	Europe				X
	MMMMM	0 402 031	05/1990	Europe				
	NNNNNN	0 470 569 A1	02/1992	Europe				
	OOOOOO	0 547 530 B1	06/1993	Europe				
	PPPPPP	0 600 529A	12/1993	Europe				
	QQQQQQ	0 623 012 B1	11/1994	Europe				
	RRRRRR	0 706 376 B1	04/1996	Europe				
	SSSSSS	EP 0 730 847 A1	09/1996	Europe				
	TTTTTT	0 744 940 B1	12/1996	Europe				
	UUUUUU	0 797 988 A2	10/1997	Europe				
	VVVVVV	DE 94 14 868.6	02/1995	Germany				X
	WWWWWW	DE 94 14 868.6	02/1995	Germany (abstract)			X	
	XXXXXX	DE 100 26 620 A 1	03/2002	Germany				X
	YYYYYY	DE 100 26 620 A 1	03/2002	Germany (abstract)			X	
	ZZZZZZ	4-74117	03/1992	Japan (abstract)			X	
	AAAAAA	4-74117	03/1992	Japan (full)				X
	BBBBBB	6-57012	03/1994	Japan (abstract)			X	
	CCCCCC	6-57012	03/1994	Japan (full)				X
	DDDDDD	9-110678	04/1997	Japan (abstract)			X	
/LK/	EEEEEE	9-110678	04/1997	Japan (full)				X

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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
/LK/	FFFFFFF	9-316271	12/1997	Japan (abstract)			X	
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	HHHHHH	10-130329	05/1998	Japan (abstract)			X	
	IIIIIIII	10-130329	05/1998	Japan (full)				X
	JJJJJJJJ	JP 2002 017848 (abstract only)	01/2002	Japan			X	
	KKKKKK	59-196738	11/1984	Japan (abstract)			X	
	LLLLLL	59-196738	11/1984	Japan (full)				X
	MMMMMM	62-45637	02/1987	Japan (abstract)			X	
	NNNNNN	62-45637	02/1987	Japan (full)				X
	OOOOOO	WO 00/23054	04/2000	WIPO				
	PPPPPP	WO 00/40259	07/2000	WIPO				
	QQQQQQ	WO 00/71196	11/2000	WIPO				
	RRRRRR	WO 00/74633 A2	12/2000	WIPO				
	SSSSSS	WO03/082359	09/2003	WIPO				
	TTTTTT	WO 02/43580 A2	06/2002	WIPO				
	UUUUUU	WO 02/11696 A2	02/2002	WIPO				
	VVVVVV	WO 01/70291 A2	09/2001	WIPO				
	WWWWWW	WO 01/76845 A1	10/2001	WIPO				
	XXXXXX	WO 92/21327	12/1992	WIPO				
	YYYYYY	WO 93/19702	10/1993	WIPO				
	ZZZZZZ	WO 94/10936	05/1994	WIPO				
	AAAAAA	WO 95/03036	02/1995	WIPO				
	BBBBBB	WO 95/22318	08/1995	WIPO				
	CCCCCC	WO 96/39464	12/1996	WIPO				
/LK/	DDDDDD	WO 96/37165	11/1996	WIPO				

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
/LK/	EEEEEE	WO 98/04616	02/1998	WIPO				
	FFFFFFF	WO 98/10798	03/1998	WIPO				
	GGGGGG	WO98/47532	10/1998	WIPO				
	HHHHHH	WO 99/12577	03/1999	WIPO				
	IIIIIIII	WO 99/43380	09/1999	WIPO				
	JJJJJJJJ	WO 99/57176	11/1999	WIPO				
	KKKKKK	WO 02/34298	05/2002	WIPO				
	LLLLLL	WO 02/34299	05/2002	WIPO				
/LK/	MMMMM	WO 02/34300	05/2002	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/LK/	NNNNNN	"Pulmonary artery pseudoaneurysm/aneurysm" Available Web Site: <a href="http://www.mamc.amedd.army.mil/williams/chest/vascular/paaneurysm/paanevrism.htm">http://www.mamc.amedd.army.mil/williams/chest/vascular/paaneurysm/paanevrism.htm</a>
	OOOOOO	Bachtsi, A.R. et al., "An Experimental Investigation of Enzyme Release from Poly(vinyl alcohol) crosslinked Microspheres", <i>J. Microencapsulation</i> , Vol. 12, No. 1, pp. 23-35; 1995.
	PPPPPPP	Barr, J.D., et al., "Polyvinyl Alcohol Foam Particles Sizes and Concentrations Injectable through Microcatheters", <i>JVIR</i> , Vol. 9, No. 1, pp. 113-118; 1998.
	QQQQQQ	Barton, P. et al., "Embolization of Bone Metastases", <i>Journal of Vascular and Interventional Radiology</i> , Vol. 7, No. 1, Jan-Feb. 1996, p. 81-88
	RRRRRR	Beaujeux, R. et al., "Trisacryl Gelatin Microspheres for Therapeutic Embolization, II: Preliminary Clinical Evaluation in Tumors and Arteriovenous Malformations," <i>AJNR Am. J. Neuroradiol.</i> 17:541-548, March 1996
	SSSSSSS	Bartinielli, L. et al., "New Class of Poly(vinyl alcohol) Polymers as Column- Chromatography Stationary Phases for Candida Rugosa Lipase Isoforms Separation.", <i>J. Chromatogr A</i> , Vol. 753, No. 1, pp. 47-55; 1996. Abstract. <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?</a>
	TTTTTTT	Berenstein, A. et al., "Catheter and Material Selection for Transarterial Embolization: Technical Considerations. II. Materials.", <i>Radiology</i> , Vol. 132, No. 3, pp. 631-639; 1979.
	UUUUUU	Berenstein, A. et al., "Microembolization Techniques of Vascular Occlusion: Radiologic, Pathologic, and Clinical Correlation", <i>AJNR Am J Neuroradiol</i> , Vol. 2, No. 3, pp. 261-267; 1981. Abstract. <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?</a>
/LK/	VVVVVV	Bruix, J. et al., "Transarterial Embolization Versus Symptomatic Treatment in Patients With Advanced Hepatocellular Carcinoma: Results of a Randomized, Controlled Trial in a Single Institution", <i>Hepatology</i> , June 1998, Vol. 27, No. 6, pp. 1578-1583 Available Web Site: <a href="http://www.hepatitis-central.com/hcv/hcc/embolization/references.html">http://www.hepatitis-central.com/hcv/hcc/embolization/references.html</a>

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**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
/LK/	WWWWV	Buhle, Jr. EL, "Re: Re: Hepatic Arterial Embolization", <i>UCLA Medicine Online</i> Available Web Site: <a href="http://www.meds.com/archive/mol-cancer/1996/msg00128.html">http://www.meds.com/archive/mol-cancer/1996/msg00128.html</a>
	XXXXXX	Burczak, et al., "Long-term in vivo performance and biocompatibility of poly (vinyl alcohol) hydrogel macrocapsules for hybrid-type artificial pancreas", <i>Biomaterials</i> , Vol. 17, No. 24, pp. 2351-2356, 1996, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=89824...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=89824...</a> , pp. 1, 2002.
	YYYYYY	Burczak, et al., "Polymeric materials for biomedical purposes obtained by radiation methods. V. hybrid artificial pancreas", <i>Polim Med</i> , Vol. 24, No. 1-2, pp. 45-55, 1994, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=7915...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=7915...</a> , pp. 1, 2002.
	ZZZZZZ	Choe, et al., "An experimental study of embolic effect according to infusion rate and concentration of suspension in transarterial particulate embolization", <i>Invest Radiol</i> , Vol. 32, No. 5, pp. 260-270, 1997, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=9140745&amp;dopt+Abs...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=9140745&amp;dopt+Abs...</a> , pp. 1, 2002.
	AAAAAA	Chuang et al., "Experimental Canine Hepatic Artery Embolization with Polyvinyl Alcohol Foam Particles", <i>Departments of Diagnostic Radiology and Veterinary Medicine</i> , The University of Texas, M.D. Anderson Hospital and Tumor Institute at Houston, Texas, pp. 21-25, October 1982
	BBBBBB	Clarian Health Methodist - Indiana Lions Gamma Knife Center, "Arteriovenous Malformation" Available Web Site: <a href="http://www.clarian.com/tyhealth/gammaknife/cond_arter.asp">http://www.clarian.com/tyhealth/gammaknife/cond_arter.asp</a>
	CCCCC	Colombo M, "Treatment of Hepatocellular Carcinoma", University of Milan, Inst Internal Med, Irccs Maggiore Res Unit Liver, Canc, Fire, Via Pace 9 1-20122 Milan, Italy Source: <i>Journal of Viral Hepatitis</i> , 1997;4:125-130 Available Web Site: <a href="http://home.texoma.net/~moreland/stats/hcc-9.html">http://home.texoma.net/~moreland/stats/hcc-9.html</a>
	DDDDDD	Derdeyn, et al., "Collagen-coated acrylic microspheres for embolotherapy: in vivo and in vitro characteristics", <i>American Journal of Neuroradiology</i> , Vol. 18, No. 4, pp. 647-653, 1997, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=9127025&amp;dopt+Abs...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=9127025&amp;dopt+Abs...</a> , pp. 1, 2002.
	EEEEEE	Derdeyn, et al., "Polyvinyl alcohol particle size and suspension characteristics", <i>American Journal of Neuroradiology</i> , Vol. 16, pp. 1335-1343, 1995.
	FFFFFF	DiLuccio et al., "Sustained-Release Oral Delivery of Theophylline by Use of Polyvinyl Alcohol and Polyvinyl Alcohol-Methyl Acrylate Polymers", <i>Journal of Pharmaceutical Sciences</i> , January 1994, Vol. 83, No. 1, pp. 104-106
	GGGGG	Gander, et al., "Effect of polymeric network structure on drug release from cross-linked poly(vinyl alcohol) micromatrices", <i>Pharm Res</i> , Vol. 6, No. 7, pp. 578-584, 1989, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=25080...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=25080...</a> , pp. 1, 2002.
	HHHHHH	Germano, et al., "Histopathological follow-up study of 66 cerebral arteriovenous malformations after therapeutic embolization with polyvinyl alcohol", <i>J Neurosurg</i> , Vol. 76, No. 4, pp. 607-614, 1992, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=15452...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=15452...</a> , pp. 1, 2002.
/LK/	IIIIIIII	Geschwind et al., "Chemoembolization of Liver Tumor in a Rabbit Model: Assessment of Tumor Cell Death with Diffusion-Weighted MR Imaging and Histologic Analysis", <i>Journal of Vascular and Interventional Radiology</i> , December 2000, Vol. 11, No. 10, pp. 1244-1255

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/LK/	JJJJJJJJ	Gohel, et al., "Formulation design and optimization of modified-release microspheres of diclofenac sodium", <i>Drug Dev Ind Pharm</i> , Vol. 25, No. 2, pp. 247-251, 1999, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=10065360&amp;dopt=Abs...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=10065360&amp;dopt=Abs...</a> , pp. 1, 2002.
	KKKKKK	Goodwin, et al., "Overview of embolic agents and their indications", <i>Eleventh Annual International Symposium on Endovascular Therapy</i> , pp. 303-306, 1999.
	LLLLLL	Goodwin, et al., "Preliminary experience with uterine artery embolization for uterine fibroids", <i>Journal of Vascular and Interventional Radiology</i> , Vol. 8, No. 4, pp. 517-526, 1997.
	MMMMMM	Grandfils, et al., "Preparation of poly (D,L) lactide microspheres by emulsion solvent evaporation, and their clinical implications as a convenient embolic material", <i>J Biomed Mater Res</i> , Vol. 26, No. 4, pp. 467-479, 1992, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=1601900&amp;dopt=Abs...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=1601900&amp;dopt=Abs...</a> , pp. 1, 2002.
	NNNNNN	Hamada, et al., "Embolization with cellulose porous beads, II: Clinical Trial", abs: <a href="http://www.qjnr.org/content/abstract/17/10/1901?ikey=R.a2vRMietlXw">http://www.qjnr.org/content/abstract/17/10/1901?ikey=R.a2vRMietlXw</a> , pp. 1-2, 2002.
	OOOOOO	Horak, et al., "Hydrogels in endovascular embolization. I. Spherical particles of poly (2-hydroxyethyl methacrylate) and their medico-biological properties", <i>Biomaterials</i> , Vol. 6, 1985
	PPPPPP	Horak, et al., "Hydrogels in endovascular embolization. II. Clinical use of spherical particles", <i>Biomaterials</i> , Vol. 7, 1986.
	QQQQQQ	Huang, et al., "Percutaneous endovascular embolization of intracerebral arteriovenous malformations. Experience in 72 cases", <i>Chin Med J</i> , Vol. 108, no. 6, pp. 413-419, 1995, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=75552...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=75552...</a> , pp. 1, 2002.
	RRRRRR	Jack, et al., "Radiolabeled polyvinyl alcohol particles: a potential agent to monitor embolization procedures", <i>Int J Rad Appl Instrum B</i> , Vol. 13, No. 3, pp. 235-243, 1986, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=37712">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=37712</a> , pp. 1, 2002.
	SSSSSS	Jiaqi, Y. et al., "A New Embolic Material: Super Absorbent Polymer (SAP) Microsphere and Its Embolic Effects", <i>Nippon Acta Radiologica</i> 1996 (56): 19-24
	TTTTTT	Joy C. et al., 1991, "Use of Preoperative Embolization in the Treatment of Vascular Metastatic Lesions of the Spine" Available Web Site: <a href="http://www.aaos.org/wordhtml/anmeet91/sciprop/ppr472.htm">http://www.aaos.org/wordhtml/anmeet91/sciprop/ppr472.htm</a>
	UUUUUU	Kai, et al., "The utility of the microcrystalline cellulose sphere as a particulate embolic agent: an experimental study", <i>American Journal of Radiology</i> , Vol. 21, No. 6, pp. 1160-1163, 2000, or <a href="http://www.qjnr.org/cgi/content/full/21/6/1160">http://www.qjnr.org/cgi/content/full/21/6/1160</a> , pp. 1-7, 2002.
	VVVVVV	Kan, et al., "In vivo microscopy of the liver after injection of lipiodol into the hepatic artery and portal vein in the rat", <i>Acta Radiologica</i> , Vol. 30, pp. 419-425, 1989.
	WWWW	Kerber et al., "Polyvinyl Alcohol Foam: Prepackaged Emboli for Therapeutic Embolization", <i>American Journal Roentgenol</i> , June 1978, Vol. 130, pp. 1193-1194
	XXXXXX	Kerber, "Flow-Controlled Therapeutic Embolization: A Physiologic and Safe Technique", <i>AJR</i> , March 1980, Vol. 134, pp. 557-561
/LK/	YYYYYY	Kim, et al., "Composite poly(vinyl alcohol) beads for controlled drug delivery", <i>Pharm Res</i> , Vol. 9, No. 1, pp. 10-16, 1992, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=1589392&amp;dopt=Abs...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=1589392&amp;dopt=Abs...</a> , pp. 1, 2002.

Examiner Signature	/LK/	Date Considered
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/LK/	ZZZZZZZ	Kurata, et al., "Preoperative embolization for meningiomas using PVA particles", <i>No Shinkei Geka</i> , Vol. 20, No. 4, pp. 367-373, 1992, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=1570057&amp;dopt=Abs....">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=1570057&amp;dopt=Abs....</a> , pp. 1, 2002.
	AAAAAA	Kurosaki et al., "Evaluation of PVA-Gel Spheres as GI-Transit Time Controlling Oral Drug Delivery System", <i>Proceedings of the 19th International Symposium on Controlled Release of Bioactive Materials</i> , July 26-31, 1992, Orlando, Florida, pp. 273-274
	BBBBBBB	Kusano, et al., "Low-dose particulate polyvinylalcohol embolization in massive small artery intestinal hemorrhage. Experimental and clinical results", <i>Invest Radiol</i> , Vol. 22, No. 5, pp. 388-392, 1987, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=34963....">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=34963....</a> , pp. 1, 2002.
	CCCCCCC	Labarre et al., "Complement activation by substituted polyacrylamide hydrogels for embolisation and implantation", <i>Biomaterials</i> , Vol. 23, pp. 2319-2327, 2002
	DDDDDDD	Lammer, et al., "Transcatheter embolization with polyvinyl alcohol—technic and experimental studies", <i>Rontgenblatter</i> , Vol. 36, No. 1, pp. 10-14, 1983, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=6823530&amp;dopt=Abs....">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=6823530&amp;dopt=Abs....</a> , pp. 1, 2002.
	EEEEEEE	Latchaw et al., "Polyvinyl Foam Embolization of Vascular and Neoplastic Lesions of the Head, Neck, and Spine", <i>Radiology</i> , June 1979, Vol. 131, pp. 669-679
	FFFFFFF	Leung et al., "Determinants of Postembolization Syndrome after Hepatic Chemoembolization", <i>Journal of Vascular and Interventional Radiology</i> , March 2001, Vol. 12, No. 3, pp. 320-326
	GGGGGGG	Markoff, et al., "Uterine arteriovenous malformation successfully embolized with a liquid polymer, isobutyl 2-cyanoacrylate", pp. 659-660, 1999.
	HHHHHHH	Markus, H.S., "Experimental Aspects of High-Intensity Transient Signals in the Detection of Emboli," <i>J Clin Ultrasound</i> 23:81-87 (1995)
	IIIIIIIII	Matsumaru, et al., "Embolc materials for endovascular treatment of cerebral lesions", <i>J Biomater Sci Polym Ed</i> , Vol. 8, No. 7, pp. 555-569, 1997, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=91953....">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=91953....</a> , pp. 1, 2002.
	JJJJJJJJJ	Mavligit, G. et al., "Gastrointestinal Leiomyosarcoma Metastatic to the Liver", <i>Cancer</i> , Vol. 75, No. 8, April 15, 1995, pp. 2083-2088
	KKKKKKK	Mid-America Interventional Radiological Society, "New Treatment for Uterine Fibroids Avoids Surgery" Available Web Site: <a href="http://www.mirs.org/fibroids.htm">http://www.mirs.org/fibroids.htm</a>
	LLLLLLL	Nakabayashi, et al., "Evaluation of particulate embolic materials with MR imaging, scanning electron microscopy, and phase-contrast microscopy", <i>American Journal of Neuroradiology</i> , Vol. 18, No. 3, pp. 485-491, 1997, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=909004....">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=909004....</a> , pp. 1, 2002.
/LK/	MMMMM	Nakstad, et al., "Embolization of intracranial arteriovenous malformations and fistulas with polyvinyl alcohol particles nad platinum fibre coils", <i>Neuroradiology</i> , Vol. 34, No. 4, pp. 348-351, 1992, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=15284....">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=15284....</a> , pp. 1, 2002.

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		Filing Date March 2, 2004	Group Art Unit 1773

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(37 CFR §1.98(b))

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
/LK/	NNNNNN	Nash, et al., "Modifications of polystyrenic matrices for the purification of proteins. II. Effect of the degree of glutaraldehyde-poly(vinyl alcohol) crosslinking on various dye ligand chromatography systems", <i>J Chromatogr A</i> , Vol. 776, No. 1, pp. 55-63, 1997, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=92860...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=92860...</a> , pp. 1, 2002.
	OOOOOO	Nikishin LF et al., 1999, "Interventional radiology in diffuse toxic goiter", <i>European Congress of Radiology - ECR 1999</i> Available Web Site: <a href="http://www.ecr.org/conferences/ecr1999/scipre/abs/p090041.htm">http://www.ecr.org/conferences/ecr1999/scipre/abs/p090041.htm</a>
	PPPPPP	Ophir, et al., "Ultrasonic backscatter from contrast producing collagen microspheres", <i>Ultrasonic Imaging</i> , Vol. 2, pp. 67-77, 1980.
	QQQQQQ	Oregon Health Sciences University, "Fibroid Embolization" Available Web Site: <a href="http://www.uhmcc.edu/dotter-fibroid">http://www.uhmcc.edu/dotter-fibroid</a>
	RRRRRR	Parker, et al., "A particulate contrast agent with potential for ultrasound imaging of liver", <i>Ultrasound in Medicine and Biology</i> , Vol. 13, No. 9, pp. 555-566, 1987.
	SSSSSS	Pesant A.C. et al., 1997, "Dural fistulas involving the cavernous sinus: Treatment by embolization - 7 cases", <i>European Congress of Radiology - ECR 1997</i> Available Web Site: <a href="http://www.ecr.org/conferences/ecr1997/scipre/abs/9703088p.htm">http://www.ecr.org/conferences/ecr1997/scipre/abs/9703088p.htm</a>
	TTTTTT	Physicians' Desk Reference Family Guide to Women's Health, "Chapter 7 - Common Disorders of the Reproductive System" Available Web Site: <a href="http://www.healthsquare.com/pdrfe/wh/chapters/whlch01.htm">http://www.healthsquare.com/pdrfe/wh/chapters/whlch01.htm</a>
	UUUUUU	Pritchard, et al., "Poly(Vinyl Alcohol): Basic Properties and Uses", London, England: Gordon and Breach Science Publishers.
	VVVVVV	Pryor J and Berenstein A., "Epistaxis (Nose-bleeds)" Available Web Site: <a href="http://www.wehealny.org/inn/Radiology/nosebleeds.html">http://www.wehealny.org/inn/Radiology/nosebleeds.html</a>
	WWWWWW	Purdy, et al., "Arteriovenous malformations of the brain: choosing embolic materials to enhance safety and ease of excision", <i>J Neurosurg</i> , Vol. 77, No. 2, pp. 217-222, 1992, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=16250...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=16250...</a> , pp. 1, 2002.
	XXXXXX	Quisling, et al., "Histopathology analysis of intraarterial polyvinyl alcohol microemboli in rat cerebral cortex", <i>American Journal of Neuroradiology</i> , Vol. 5, pp. 101-104, 1984.
	YYYYYY	Rajan et al., "Sarcomas Metastatic to the Liver: Response and Survival after Cisplatin, Doxorubicin, Mitomycin-C, Ethiodol, and Polyvinyl Alcohol Chemoembolization", <i>Journal of Vascular and Interventional Radiology</i> , February 2001, Vol. 12, No. 2, pp. 187-193
	ZZZZZZ	Ramos, et al., "Tumor vascular signals in renal masses: detection with Doppler US", <i>Radiology</i> , Vol. 168, No. 3, pp. 633-637, 1988.
	AAAAAA	Repa, I. et al., "Mortalities Associated with Use of a Commercial Suspension of Polyvinyl Alcohol", <i>Radiology</i> 1989; 170:395-399
	BBBBBB	Rump, A. et al., "Pharmacokinetics of Intraarterial Mitomycin C in the Chemoembolisation Treatment of Liver Metastases", <i>Gen. Pharmac.</i> Vol. 27, No. 4, pp. 669-671, 1996
/LK/	CCCCCC	Schwarz, K.Q., "The Acoustic Filter: An Ultrasonic Blood Filter for the Heart-Lung Machine," <i>J Thoracic and Cardiovascular Surgery</i> 104(6):1647-1653 (1992)

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
/LK/	DDDDDI	Shafik, A., "Intraesophageal Polytef injection for the treatment of reflux esophagitis", <u>Department of Surgery and Experimental Research, Faculty of Medicine, Cairo University, Cairo, Egypt, pp. 1-2, Received: June 22, 1994; Accepted: October 15, 1994</u> <a href="http://www.ahmedshafik.org/Group-D/d016.htm">http://www.ahmedshafik.org/Group-D/d016.htm</a>
	EEEEEE	Spickler, et al., "The MR appearance of endovascular embolic agents in vitro with clinical correlation", <u>Comput Med Imaging Graph</u> , Vol. 14, No. 6, pp. 415-423, 1990, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=21487...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=21487...</a> , pp. 1, 2002.
	FFFFFF	Spies JB, "Georgetown University Medical Center. Uterine Fibroid Embolization (UFE). An alternative to surgery for patients with uterine fibroids. Literature Review." Available Web Site: <a href="http://www.dml.georgetown.edu/fibroids">http://www.dml.georgetown.edu/fibroids</a>
	GGGGG	Stridbeck, H. et al, "Collateral Circulation Following Repeated Distal Embolization of the Hepatic Artery in Pigs," <u>Invest. Radiol.</u> 1984; 19:179-183
	HHHHH	Strunk, et al., "Treatment of congenital coronary arteriovenous malformations with microparticle embolization", <u>Cathet Cardiovasc Diagn</u> , Vol. 22, No. 2, pp. 133-136, 1991, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=2009563&amp;dop=Abs...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=2009563&amp;dop=Abs...</a> , pp. 1, 2002.
	IIIIIIII	Swanson DA et al., 1980, "The role of embolization and nephrectomy in the treatment of metastatic renal carcinoma", <u>Urologic Clinics of North America</u> 7(3):719-730, 1980. University of Pennsylvania Cancer Center - Oncolink. Available Web Site: <a href="http://www.oncolink.upenn.edu/pdg_html/cites/00/00585.html">http://www.oncolink.upenn.edu/pdg_html/cites/00/00585.html</a>
	JJJJJJJJ	Tabata et al., "Tumor accumulation of poly(vinyl alcohol) of different sizes after intravenous injection", <u>Journal of Controlled Release</u> , January 2, 1998, Vol. 50, Nos. 1-3, pp. 123-133
	KKKKKK	Tadavarthy et al., "Polyvinyl Alcohol (Ivalon) as an Embolizing Agent", <u>The American Journal of Roentgenology Radium Therapy and Nuclear Medicine</u> , November 1975, Vol. 125, No. 3, pp. 609-616
	LLLLLL	Tadavarthy et al., "Polyvinyl Alcohol (Ivalon) as an Embolizing Agent", <u>Seminars in Interventional Radiology</u> , Vol. 1, No. 2, Department of Radiology, University of Minnesota Hospitals, Minneapolis, Minnesota, June 1984, pp. 101-109
	MMMMM	Tao, et al., "Study of microspheres for embolization of the hepatic artery", <u>Yao Xue Xue Bao</u> , Vol. 23, No. 1, pp. 55-60, 1988, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=3400477&amp;dop=A">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=3400477&amp;dop=A</a> , pp. 1, 2002.
	NNNNN	Tao, et al., "Study on embolization of hepatic artery using microspheres", <u>Acta Pharmaceutica Sinica</u> Vol. 23, No. 1, pp. 55-60; 1988. Translation.
	OOOOO	Terada, et al., "Preoperative embolization of meningiomas fed by ophthalmic branch arteries", <u>Surg Neurol</u> , Vol. 45, No. 2, pp. 161-166, 1996, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=86070...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=86070...</a> , pp. 1, 2002.
	PPPPPP	Thanoo, et al., "Controlled release of oral drugs from cross-linked polyvinyl alcohol microspheres", <u>J Pharm Pharmacol</u> , Vol. 45, No. 1, pp. 16-20, 1993, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=8094438&amp;dop=Abs...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=8094438&amp;dop=Abs...</a> , pp. 1, 2002.
/LK/	QQQQQ	Thanoo, et al., "Preparation and Properties of Barium Sulphate and Methyl Iothalamate Loaded Poly(vinyl Alcohol) Microspheres as Radiopaque Particulate Emboli", <u>Journal of Applied Biomaterials</u> , Vol. 2, 67-72 (1991)

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**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
/LK/	RRRRRR	Thanoo, et al., "Tantalum loaded silicone micropsheres as particulate emboli", <i>J Microencapsul</i> , Vol. 8, No. 1, pp. 95-101, 1991, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=1380697&amp;dop=Abs...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=1380697&amp;dop=Abs...</a> , pp. 1, 2002.
	SSSSSS	The Fibroid Embolization Center of the New York United Hospital Medical Center, "Fibroid Facts" Available Web Site: <a href="http://www.uhmc.com/fibro2.htm">http://www.uhmc.com/fibro2.htm</a>
	TTTTTT	The Vanderbilt-Ingram Cancer Center, "Kidney Cancer." Available Web Site: <a href="http://www.mc.vanderbilt.edu/cancer/cancerinfo/kidney.html">http://www.mc.vanderbilt.edu/cancer/cancerinfo/kidney.html</a>
	UUUUUU	Tikkakoski, et al., "Preoperative embolization in the management of neck paragangliomas", <i>Laryngoscope</i> , Vol. 107, pp. 821-826, 1997.
	VVVVVV	Touho, et al., "Intravascular treatment of spinal arteriovenous malformations using a microcatheter—with special reference to serial xylocaine tests and intravascular pressure monitoring", <i>Surgical Neurology</i> , Vol. 42, No. 2, pp. 148-156, 1994, abs: <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=80912...">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&amp;db=PubMed&amp;list_uids=80912...</a> , pp. 1, 2002.
	WWWWWW	UCLA Radiological Sciences, "A summary of terms appearing in this text." Available Web Site: <a href="http://www.radscl.ucla.edu:8000/aneurysm/terms.html">http://www.radscl.ucla.edu:8000/aneurysm/terms.html</a>
	XXXXXX	University Medical Center SUNY Stony Brook, Department of Urology, "Varicocele and its treatment." Available Web Site: <a href="http://www.hsc.sunysb.edu/urology/male_inf...varicocele_and_its_treatment.html">http://www.hsc.sunysb.edu/urology/male_inf...varicocele_and_its_treatment.html</a>
	YYYYYY	Vivas S et al., "Arterioportal fistula and hemobilia in a patient with hepatic transplant", <i>Gastroenterol Hepatol</i> , 1998, Feb;21(2):88-9 Available Web Site: <a href="http://www.doyma.es/copiani/revistas/gastro/abstr/abs_p080.html">http://www.doyma.es/copiani/revistas/gastro/abstr/abs_p080.html</a>
	ZZZZZZ	Vogel F, "Nonsurgical Management of Uterine Fibroids" Available Web Site: <a href="http://www.holyname.org/brochure/fibroids.html">http://www.holyname.org/brochure/fibroids.html</a>
	AAAAAA	Wakhloo, et al., "Extended preoperative polyvinyl alcohol microembolization of intracranial meningiomas: Assessment of two embolization techniques", <i>American Journal of Neuroradiology</i> , Vol. 14, pp. 571-582, 1993.
	BBBBBB	Walker WJ, "Non Surgical Treatment of Fibroids in the UK by Uterine Artery Embolisation – An Alternative to Hysterectomy, Myomectomy and Myolysis" Available Web Site: <a href="http://www.fibroids.co.uk/thepaper.html">http://www.fibroids.co.uk/thepaper.html</a>
	CCCCCC	Walsh RM et al., 1998, "Role of Angiography and Embolization for Acute Massive Upper Gastrointestinal Hemorrhage." Department of General Surgery and Radiology, Cleveland Clinic Foundation, Cleveland, Ohio. Available Web Site: <a href="http://www.ssat.com/98ddw/abstscorr7-47.html">http://www.ssat.com/98ddw/abstscorr7-47.html</a>
	DDDDDD	Wikholm G et al., 1996, "Embolization of Cerebral Arteriovenous Malformations: Part I – Technique, Morphology, and Complications", Departments of Neurology (CL) and Interventional Radiology (GW, PS), Sahlgrenska University Hospital, Goteborg, Sweden. <i>Neurosurgery</i> . 1996, Sep;39(3):448-57; discussion 457-9. Available Web Site: <a href="http://www.wilkins.com/neurosurgery/0148-396X9-96inter.html">http://www.wilkins.com/neurosurgery/0148-396X9-96inter.html</a>
/LK/	EEEEEE	Worthington-Kirsch RL, 1999, "Interventionalists offer management option for uterine fibroids." <i>Diagnostic Imaging</i> , pp. 47-49. Available Web Site: <a href="http://www.dimag.com/references/9903wortref5.html">http://www.dimag.com/references/9903wortref5.html</a>
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/LK/	FFFFFFF	Worthington-Kirsch, et al., "Uterine arterial embolization for the management of leiomyomas: Quality-of-life assessment and clinical response", <i>Radiology</i> , Vol. 208, No. 3, 625-629, 1998.
	GGGGGG	Wright, K.D. et al., "Partial Splenic Embolization Using Polyvinyl Alcohol Foam, Dextran, Polystyrene, or Silicone," <i>Radiology</i> 142:351-354, February 1982
	HHHHHH	Yamada, et al., "Extended intraarterial cisplatin infusion for treatment of gynecological cancer after alteration of intrapelvic blood flow and implantation of a vascular access device", <i>Cadiovasc Intervent Radiol</i> (1996) 19: 139-145
	IIIIIIII	Yusi et al., "Submuscosal Injection of Polyvinyl Alcohol in Artificially Created Vesico-Ureteral Reflux: A Preliminary Report," <i>Asian J. Surg.</i> 18(2): 122-127 (April 1995).
	JJJJJJJJ	Zou, Ying-hua et al., "Experimental Canine Hapatic Artery Embolization with Polyvinyl Alcohol Microspheres", <i>Zong Hua Fang-She Xue ZaZhi</i> , 1989 Dec. 23 (6): 330-332
/LK/	KKKKKK	Zou, Ying-hua et al., "Experimental Canine Hapatic Artery Embolization with Polyvinyl Alcohol Microspheres", (Translation) " <i>Zong Hua Fang-She Xue ZaZhi</i> , 1989 Dec. 23 (6): 330-332

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